Form PTO-1449 (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use several sheets if necessary)

Atty. Docket No. 1662-37000 (P00-3157)	Serial No. Not Yet Assigned
Applicant Shubhendu S. MUKHERJEE	
Filing Date Concurrently Herewith	Group Unknown

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/v/	AA	*AR-SMT: Microarchitectural Approach To Fault Tolerance In Microprocessors*, Eric Rotenberg, (8 p.).
	AB	*DIVA: A Dynamic Approach To Microprocessor Verification*, Todd M. Austin, Journal of Instruction-Level Parallelism 2 (2000) 1-6, Submitted 2/2000; published 5/2000 (26 p.).
	AC	*DIVA: A Reliable Substrate For Deep Submicron Microarchitecture Design*, Todd M. Austin, May/June 1999 (12 p.).

EXAMINER		DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

43790.01/1662.37000

	Atty. Docket No. 1662-37000 (P00-3157)	Serial No. 09/839,459
	Applicant Shubhendu S. MUKHERJEE	
	Filing Date April 19, 2001	Group 2183

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
✓	AA	5,758,142	05/26/98	McFarling et al.	395	586	05/31/94
✓	AB	5,933,860	08/03/99	Emer et al.	711	213	07/29/97

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	AC	M. Franklin, "Incorporating Fault Tolerance in Superscalar Processors," Proceedings of High Performance Computing, December, 1996.
✓	AD	A. Mahmood et al., "Concurrent Error Detection Using Watchdog Processors - A Survey," IEEE Trans. on Computers, 37(2):160-174, February 1988.
✓	AE	J. H. Patel et al., "Concurrent Error Detection In ALU's by Recomputing With Shifted Operands," IEEE Trans. on Computers, 31(7):589-595, July 1982.
✓	AF	D. A. Reynolds et al., "Fault Detection Capabilities Of Alternating Logic," IEEE Trans. on Computers, 27(12):1093-1098, December 1978.
✓	AG	E. Rotenberg et al., "Trace Cache: A Low Latency Approach To High Bandwidth Instruction Fetching," Proceedings of the 29th Annual International Symposium on Microarchitecture, pp. 24-34, December 1996.
✓	AH	E. Rotenberg et al., "Trace Processors," 30th Annual International Symposium on Microarchitecture (MICRO-30), Dec. 1997.
✓	AI	T. J. Slegel et al., "IBM's S/390 G5 Microprocessor Design," IEEE Micro, pp. 12-23, March/April 1999.
✓	AJ	J. E. Smith et al., "Implementing Precise Interrupts In Pipelined Processors," IEEE Trans. on Computers, 37(5):562-573, May 1988.
✓	AK	G. S. Sohi et al., "A Study Of Time-Redundant Fault Tolerance Techniques For High-Performance Pipelined Computers," Digest of Papers, 19th International Symposium on Fault-Tolerant Computing, pp. 436-443, 1989.
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✓	AM ✓	D. M. Tullsen, et al., "Simultaneous Multithreading: Maximizing On-Chip Parallelism," Proceedings of the 22nd Annual International Symposium on Computer Architecture, Italy, June 1995.
✓	AN ✓	D. Tullsen et al., "Exploiting Choice: Instruction Fetch And Issue On An Implementable Simultaneous Multithreading Processor," Proceedings of the 23rd Annual International Symposium on Computer Architecture (ISCA), May, 1996.
✓	AO	S. K. Reinhardt et al., "Transient Fault Detection Via Simultaneous Multithreading" (12 p.).
✓	AP ✓	L. Spainhower et al., "IBM S/390 Parallel Enterprise Server G5 Fault Tolerance: A Historical Perspective," IBM J. Res. Develop. Vol. 43, No. 5/6, September/November 1999, pp. 863-873.
✓	AQ ✓	M. Franklin, "A Study Of Time Redundant Fault Tolerance Techniques For Superscalar Processors" (5 p.).
✓	AR ✓	K. Sundaramoorthy et al., "Slipstream Processors: Improving Both Performance And Fault Tolerance" (6 p.).

EXAMINER		DATE CONSIDERED	

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